

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Asst. Commissioner of Patents and Trademarks,

By: Clear C. France

Attorney Docket No. 16663-000120

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

JOHN R. CASHMAN et al.

Application No.: 09/583,310

Filed: May 30, 2001

For: DNA SEQUENCE ENCODING

FLAVIN-CONTAINING MONOOXYGENASE

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Examiner:

P. Tung

Art Unit:

1652

REQUEST UNDER 37 CFR 1.821(e)

TECH CENTER 1600/2900

In response to the "Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures" dated May 8, 2001, please substitute the enclosed Sequence Listing for the Sequence Listing filed in the present application. Also enclosed is a corrected computer disk reflecting these changes. Pursuant to 37 CFR §1.821(f) and (g), it is believed that the content of the corrected paper sequence listing and the corrected computer readable sequence listing are the same. Further, the present submission of the substitute pages and computer disk are not believed to constitute new matter. Please charge (or credit) any fees associated with this response to the firm's Deposit Account No. 20-1430. If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 206-467-9600.

Respectfully submitted,

Dated: 7/10/01

Mark G. Sandbaken Reg. No. 39,354

TOWNSEND and TOWNSEND and CREW LLP

Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834

Tel: (206) 467-9600 Fax: (415) 576-0300